



# Flood Control District

of Maricopa County

February 9, 2017

## PRESENTERS:

### **Chris Hall**

*Acting Deputy Director*

### **Jen Pokorski**

*Director of Ombudsman Program*

### **Kelli Sertich**

*Policy/Planning & Coordination  
Branch Manager*

### **Bobbie Ohler**

*Project Manager*

### **Don Rerick**

*Planning/Project Management Division  
Manager*

~2017~

## MEETING SCHEDULE

- February 9
- April 13
- June 08
- August 10
- October 12
- December 07

*The Flood Stakeholder Group will meet  
the second Thursday of every other  
month unless otherwise indicated.*

## Flood Stakeholder Group

## Adobe Conference Room

## 2:00 – 3:30 pm

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1. **Welcome and Comments** (*Chris Hall*)
2. **New County Website** (*Jen Pokorski/Kelli Sertich*)
  - What You Need To Know
3. **115<sup>th</sup> Ave. & Union Hills Update** (*Bobbie Ohler*)
4. **Project Updates** (*Don Rerick*)
5. **Round Table** (*All*)

**Flood  
Stakeholder  
Group**

# **WELCOME**

**February 9, 2017**



# Agenda

- **Welcome and Comments** (Chris Hall)
- **New County Website** (Jen Pokorski & Kelli Sertich)
- **115<sup>th</sup> Ave. & Union Hills Update** (Bobbie Ohler)
- **Project Updates** (Don Rerick)
- **Round Table** (All)





# WELCOME



- **Kimberly Romero**  
Senior Right-of-Way Agent (*Real Estate*)



- **Deborah Fisher**  
Property Management Specialist (*Real Estate*)



- **Jeremy Valle**  
General Maintenance Worker (*O&M*)



# WELCOME



- **Miranda Kincade**

Intern (*PPM - LAWC*)



- **Aditya Parikh**

Intern (*PPM - LAWC*)



# Farewell

- **Shawn Charles**

Reprographics Associate (*Support Services*)

- **Anna Johnson**

Communications Officer (*Executive*)

- **Amir Motamedi**

Civil Engineer (*Engineering*)



# Farewell

- **Denise Cook**

Accounting Specialist (*Administration*)

- **Kim Fletcher**

Administrative Services Lead (*Support Services*)

- **Greg Jones**

Project Manager (*Engineering*)





# New Maricopa County Website

<http://az-maricopacounty.civicplus.com/>

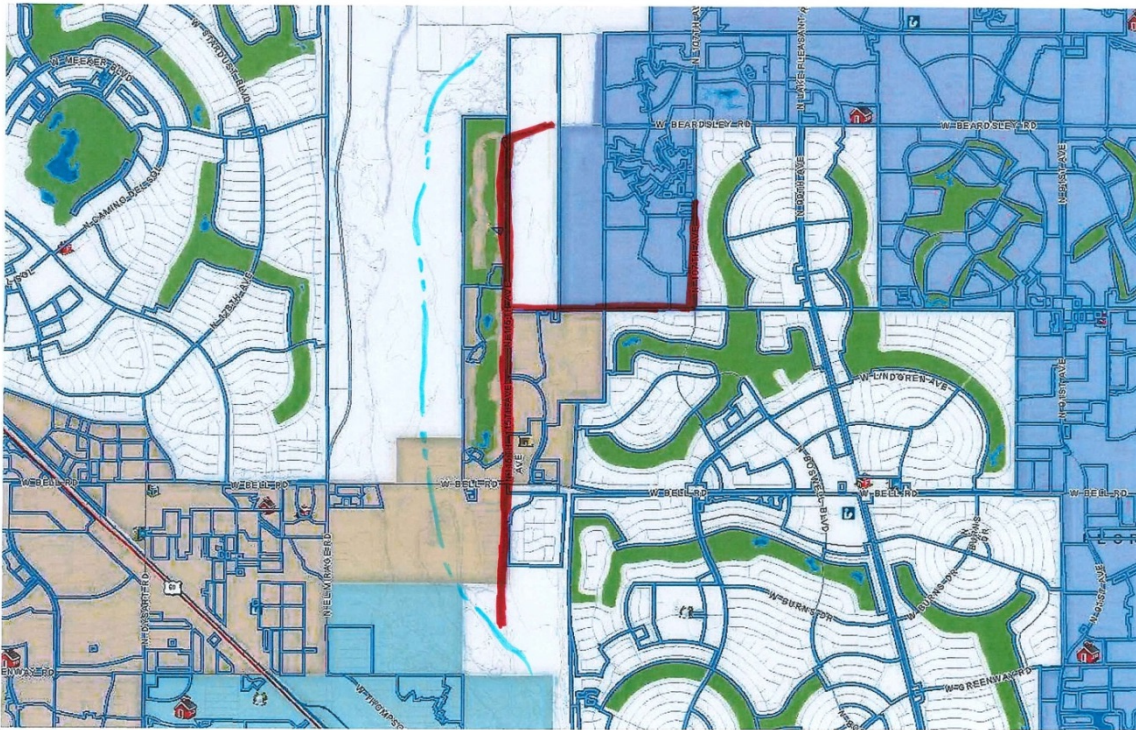
Jen Pokorski/Kelli Sertich



# 115<sup>th</sup> Avenue and Union Hills Drive Drainage Improvement Project

**Bobbie Ohler**  
*Project Manager*

# Location Map



- Located in Northwest Valley, in Cities of Peoria and Surprise and unincorporated County
- Area bounded by Beardsley Road and south of Bell Road, and Agua Fria to 107<sup>th</sup> Avenue

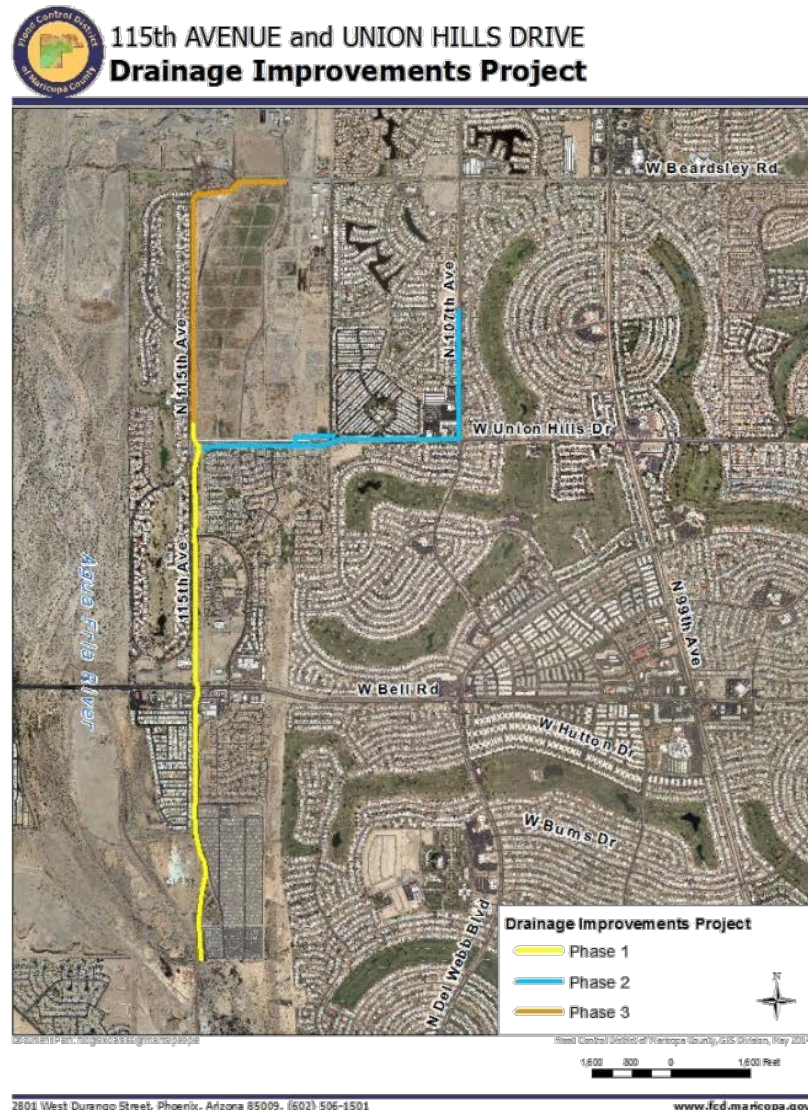
# Background



- Design Concept Report (July 2011) identified alternatives
- Project recommended FY 2012/2013 CIP Prioritization Procedure
- Design Consultant – Ritoch-Powell & Associates
- Phase 1 and Phase 2 Design Complete
- Phase 3 Design at 30%

# Project Features

- Improvements to channel south of Bell Road
- Improvements to channel at corner of 115<sup>th</sup> Avenue and Bell Road
- Modifications to existing subdivision channel along 115<sup>th</sup> Avenue and Union Hills Drive
- Storm drains along Union Hills Drive and 107<sup>th</sup> Avenue
- Storm drains along 115<sup>th</sup> Avenue north of Union Hills Drive
- Improvements to Beardsley Channel



# Benefits

- Provides Regional Drainage System
- 100-year flood mitigation in project vicinity
- Provides outfall to the Agua Fria River
- Landscape/Aesthetics at focal points

# **PROJECT PARTNERS:**

## **Peoria, Surprise, MCDOT, District**

- **District Lead Agency**

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- **Construction Cost, Phase 1 and Phase 2 = \$8.5 Million**

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- **MCDOT Contribution (Phase 2) = \$367,000**

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- **50/25/25 Cost Share of remainder, District and Cities**

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- **Ownership/Maintenance by Jurisdiction:**
  - District to own/maintain channel south of Bell Road
  - MCDOT to own/maintain Union Hills Drive storm drain
  - Cities to own/maintain facilities within cities

# Schedule

## Phase 1 and 2

- Degan Construction, LLC - contractor
- Construction Start February 2017
- Construction Complete June 2018

## Phase 3

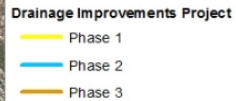
- Design Plans at 30%
- Future (unknown) Start

# Phase 1 Area



## Phase 2 Area





# Questions?



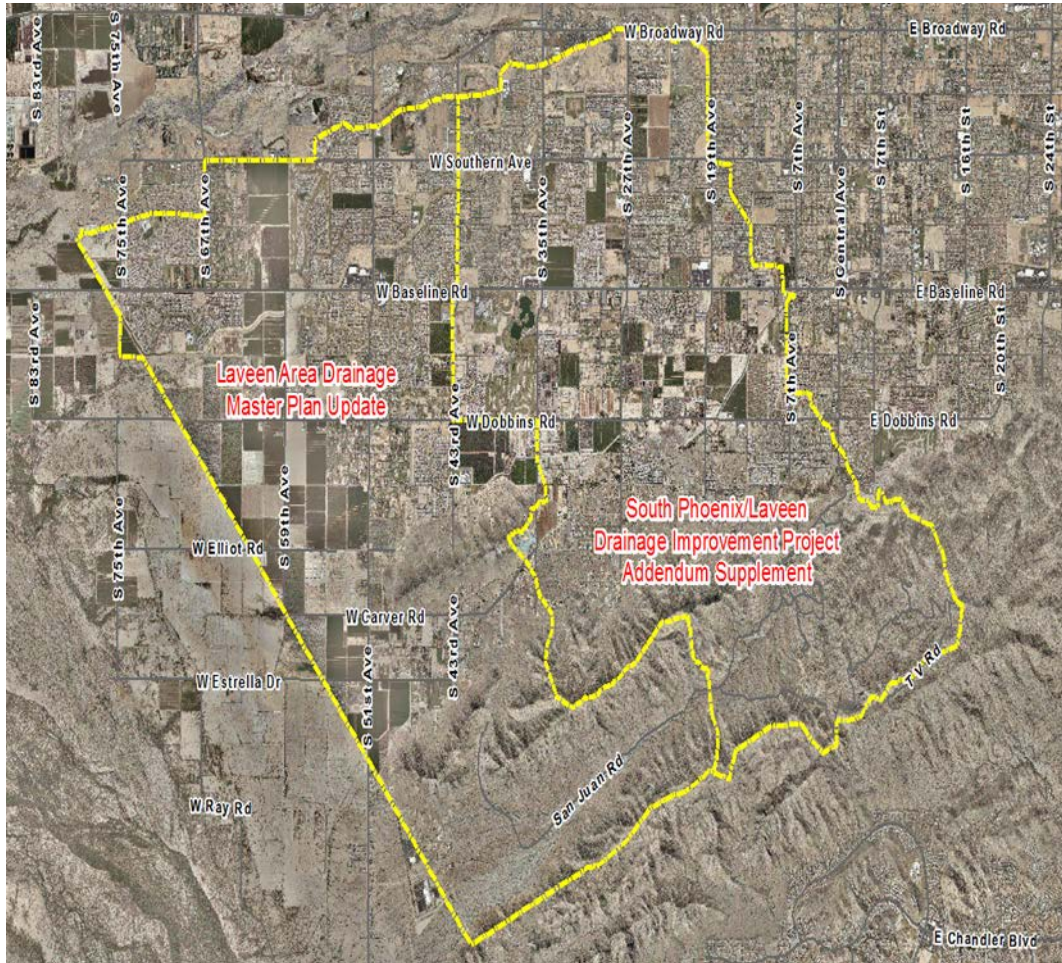
# Projects Updates

**Don Rerick**

*PPM Division Manager*

# Planning Study

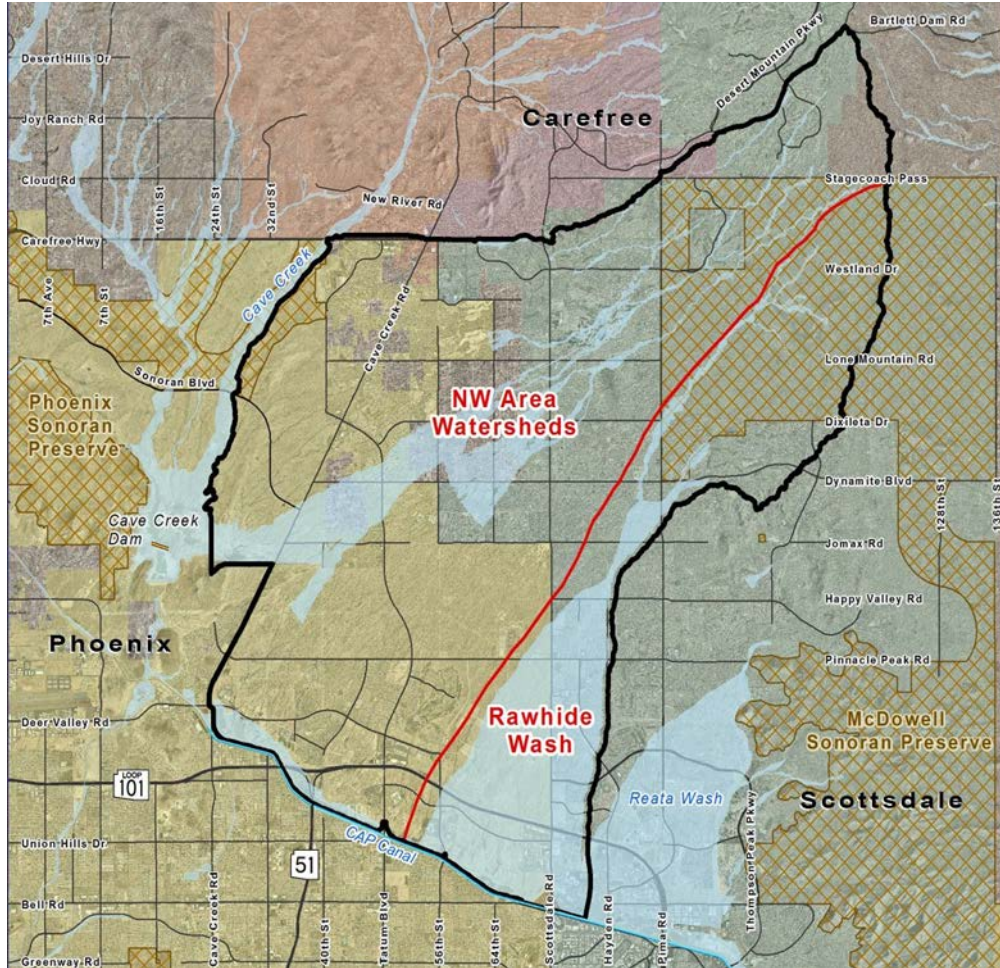
## South Phoenix & Laveen ADMP Update



- **Study efforts continue:**
  - Final FLO-2D submitted and in review
  - Coordinated with ADOT on use of Loop 202 freeway drainage channel as an outfall for future mitigation projects
  - Evaluating mitigation alternatives from past studies as well as developing new mitigation alternatives
- **Extensive coordination continues with Phoenix**
- **Final study report and recommendations in spring 2017**

# Planning Study

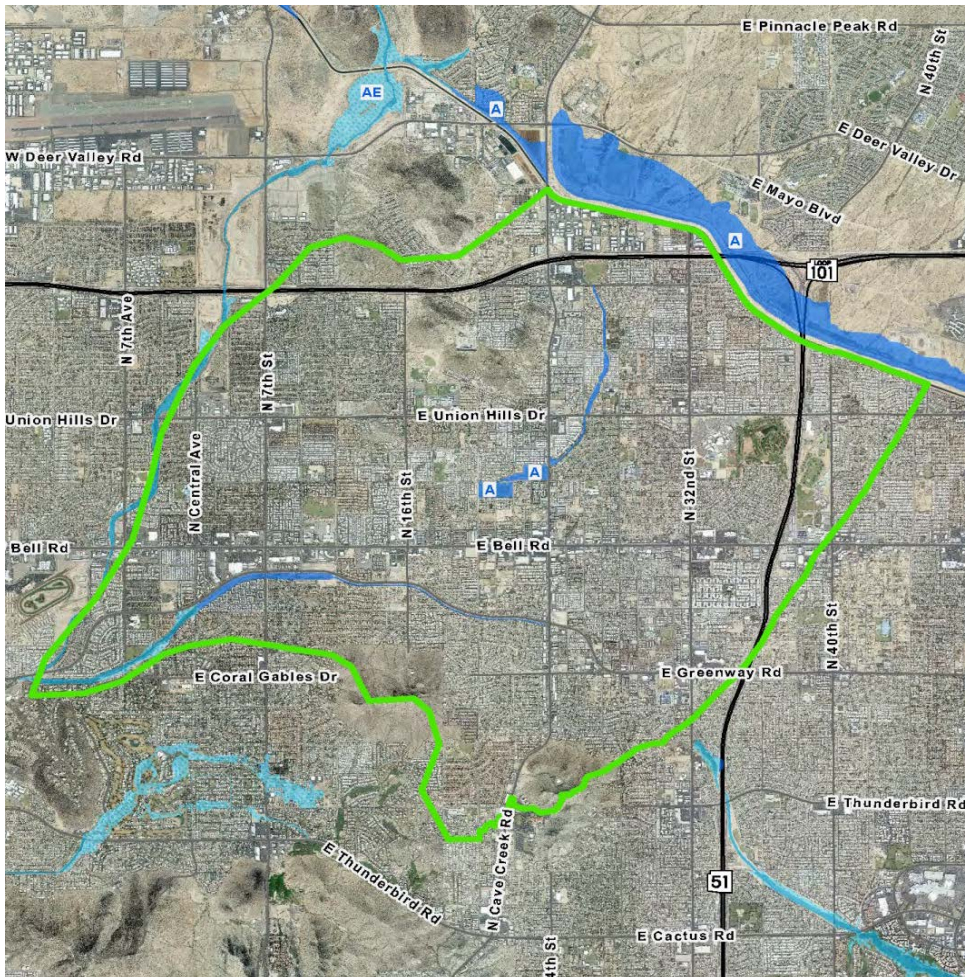
## Pinnacle Peak West ADMS



- **Rawhide Wash preferred mitigation alternative:**
  - DCR initiated to further evaluate components of the preferred alternative
  - Continued coordination with Phoenix, Scottsdale and ASLD
- **Redelineation of Fans 5 & 6 floodplains:**
  - Final draft floodplain delineation being reviewed by cities
  - Submittal to FEMA in early 2017

# Planning Study

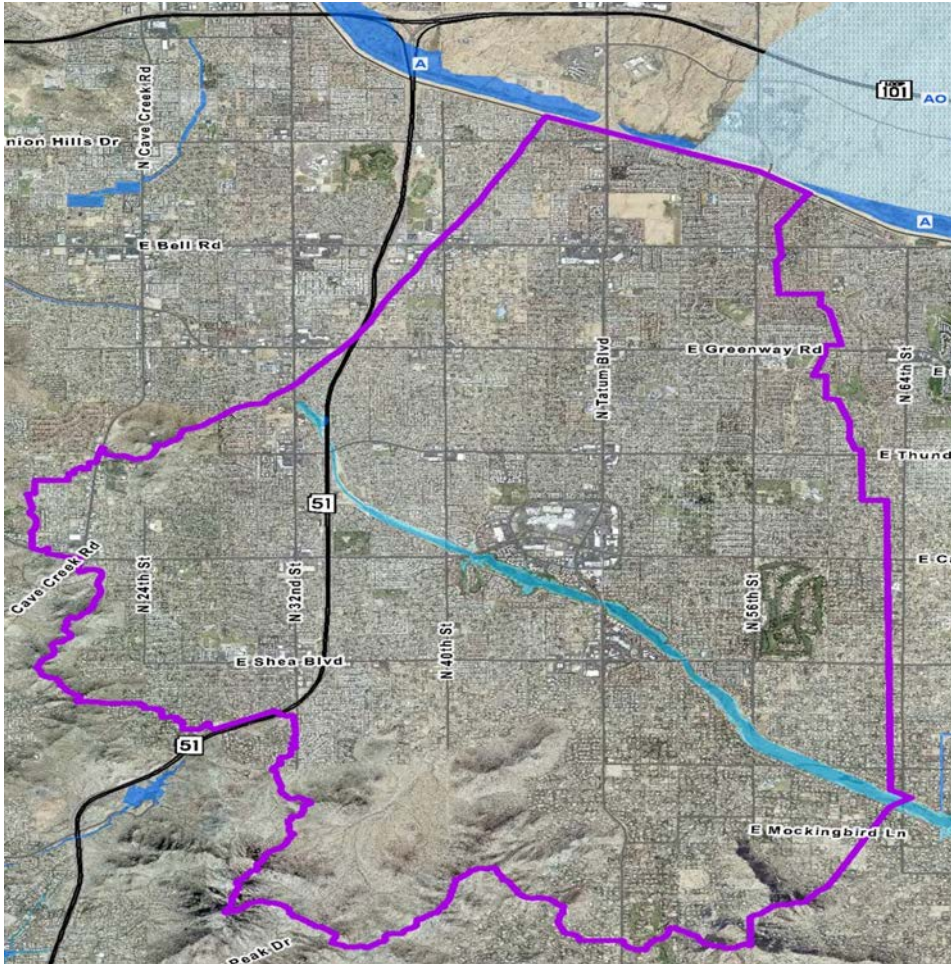
## Upper East Fork Cave Creek Area Drainage Master Study Update



- **Study efforts continue:**
  - FLO-2D modeling update of the Moon Valley Wash area
  - Identify potential mitigation solutions
  - DCRs may be implemented for selected solutions
  - Target completion – Sept. 2017
- **Public outreach efforts continue:**
  - Coordination on-going with Phoenix

# Planning Study

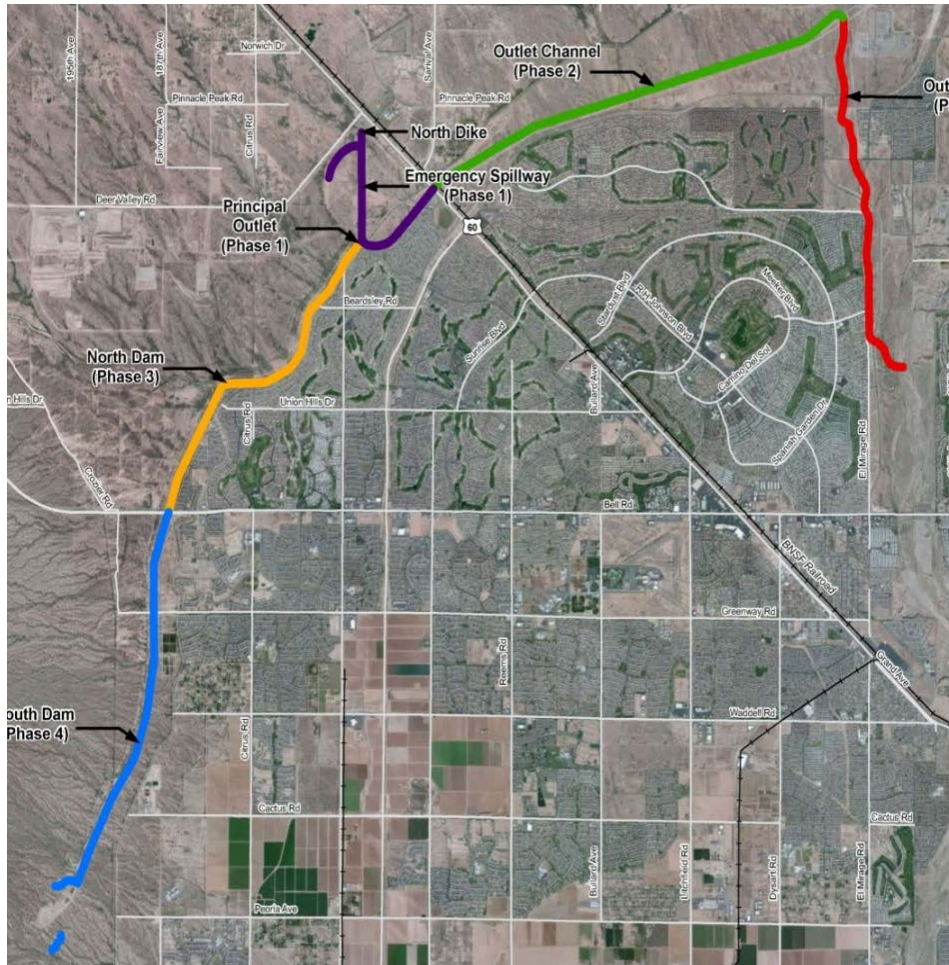
## Middle Indian Bend Wash Area Drainage Master Study



- **Work Assignment #2 activities continue:**
  - FLO-2D and SWMM modeling continues for both the north and south areas of the study
  - Target completion for study – Spring 2018
- **Coordination with Phoenix and Paradise Valley is on-going**

# Design

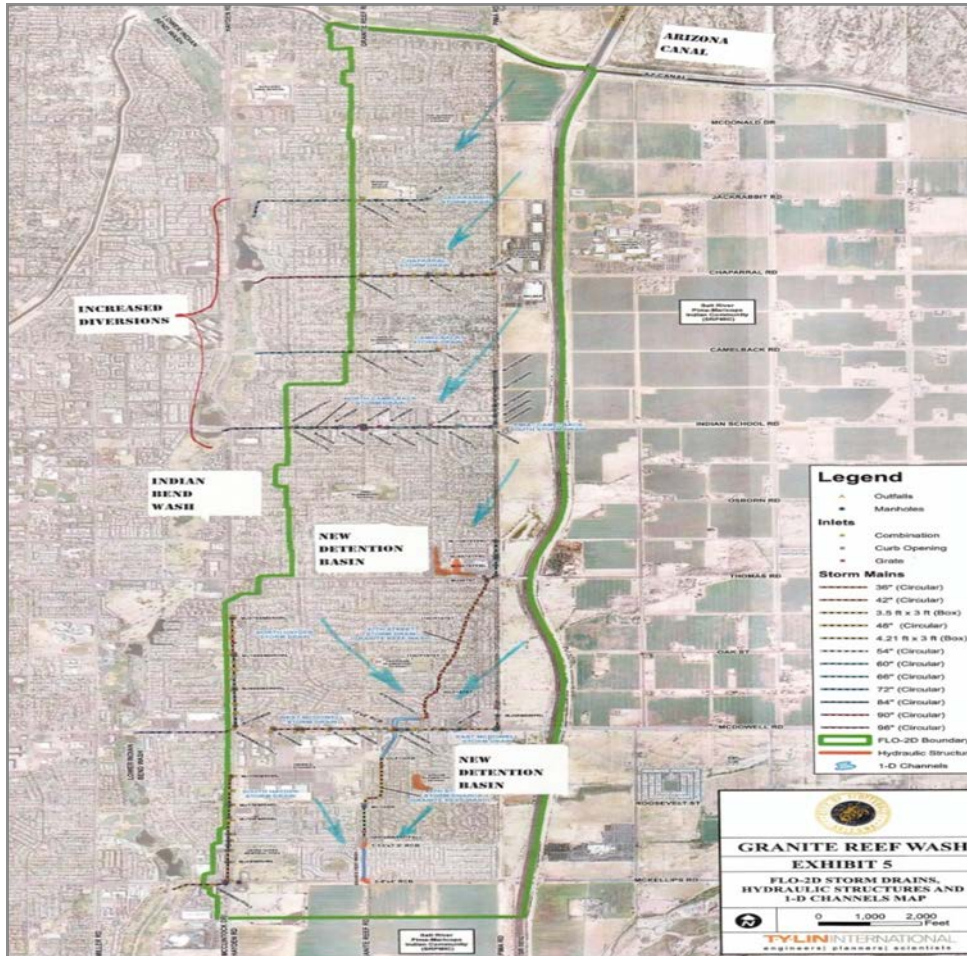
## McMicken Dam Rehabilitation



- Design being done in phases
- Phase 1 design continues
- Phase 1 target completion – Dec. 2017
- Developing IGA with Maricopa Water District for siphon crossing
- Outlet Channel 30% design is complete
- Remainder of Outlet Channel design to be done in-house
- Phase 2 archaeological field investigations completed

# Design

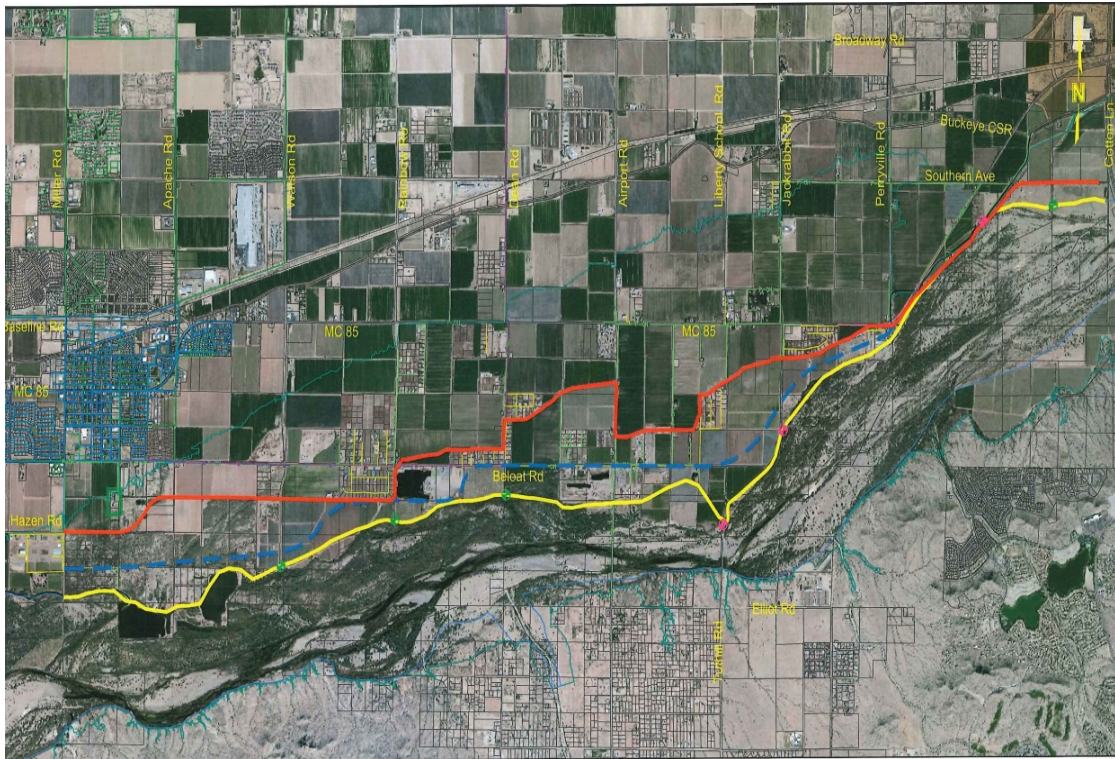
## Granite Reef Watershed Project – Phase 1



- Lead Agency – City of Scottsdale
- Phase 1 activities continue:
  - Phase 1A 100% P&S in March 2017
  - Phase 1A construction start in May 2017
  - Phase 1B 100% P&S in end of 2017
  - Phase 1B construction start in spring 2018
  - Future Phase 2, south of ISR to the Salt River TBD

# Design Concept Report (DCR)

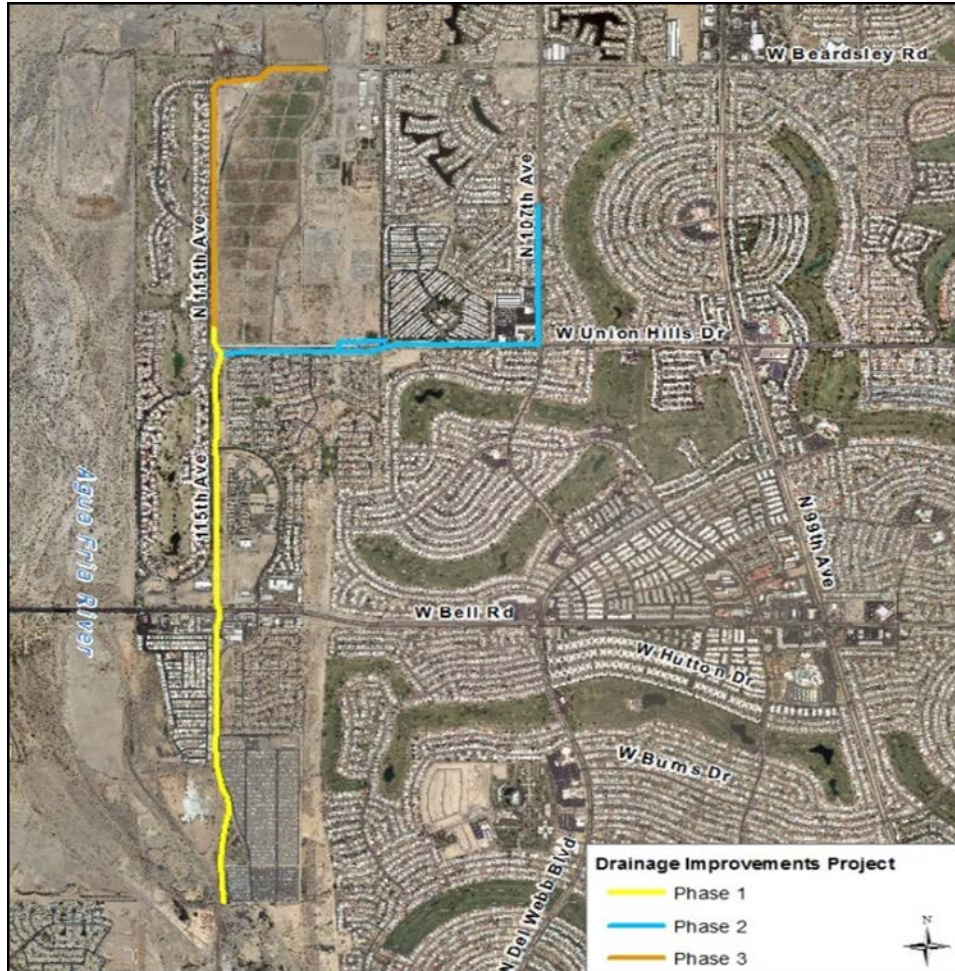
## El Rio Levees



- Partnership with City of Buckeye
- Levee or combination of levee and vegetation management to protect Buckeye Slough from 100-year flood.
  - Evaluating three alternatives
  - V.E. completed
  - 15% plans for recommended alternative to be developed
  - Completion spring 2017

# Construction

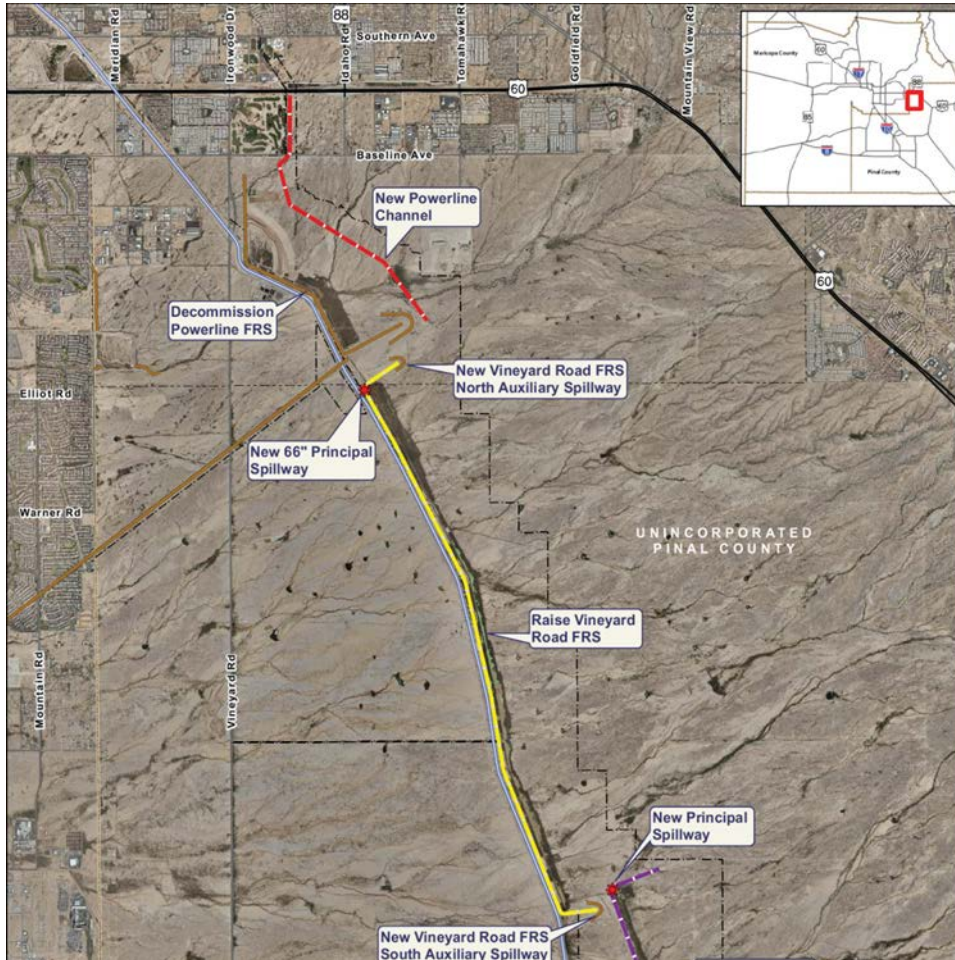
## 115<sup>th</sup> Avenue & Union Hills Drive Drainage Improvements



- Phase 1 and Phase 2 P&S complete
- Phase 3 design on indefinite hold
- Utility relocations; Phase 1 complete, Phase 2 complete by June 2017
- Amending IGA to refine partner cost share repayment timing parameters
- Phase 1 & 2 construction NTP in February 2017
- Construction completion in June 2018

# Construction Manager at Risk (CMAR)

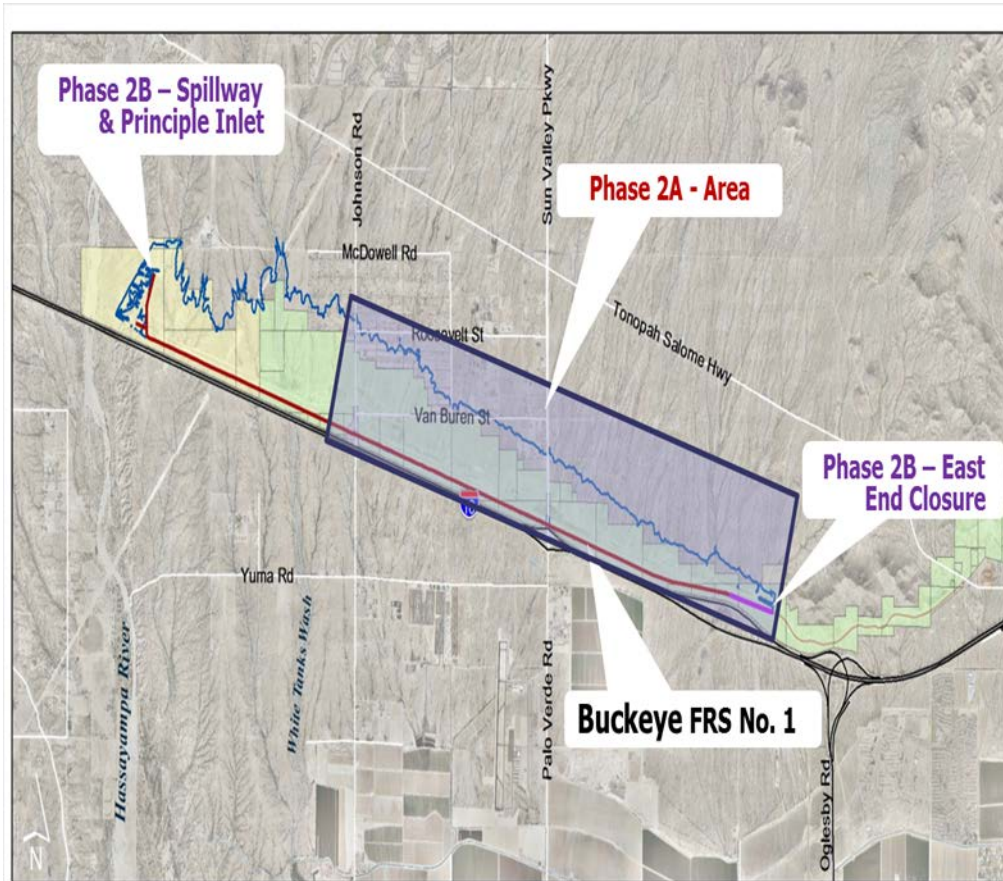
## Vineyard Road & Powerline FRS Rehabilitation



- **Vineyard:**
  - Phase 2A 100% P&S submitted and being reviewed
  - Phase 1 construction continues
  - Phase 2A construction NTP in March 2017
  - Phases 2B & 3 design continues
- **Powerline:**
  - 90% design effort underway
  - Continuing to resolve utility conflicts
  - Construction phasing developed
  - Continue coordination with ASLD

# Construction Manager at Risk (CMAR)

## Buckeye FRS No. 1 Rehabilitation Project

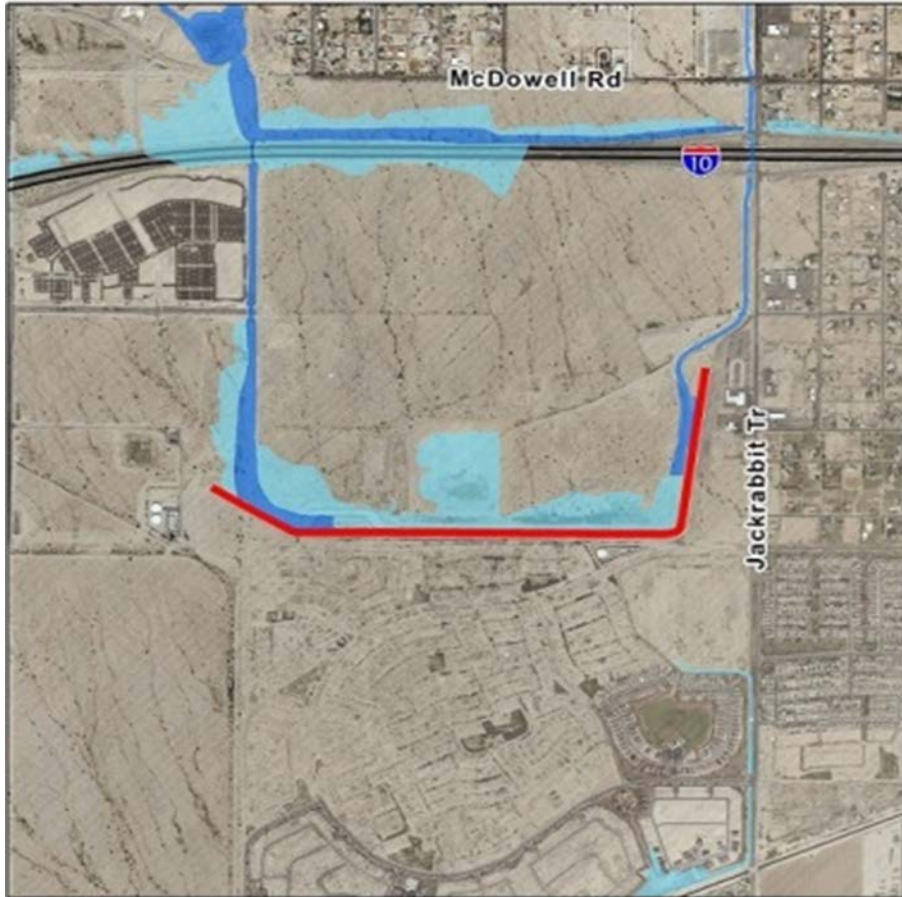


Maximum Water Surface Elevation - Probable Maximum Flood

- Construction of Phase 2A continues
- Phase 2B design continues
- The Phase 2B GMP costs being reviewed
- Portion of Phase 2B work will be incorporated into Phase 2A to utilize remaining available NRCS funding
- Target Phase 2A completion – summer 2017

# Construction Manager at Risk (CMAR)

## White Tanks FRS No. 4 Rehabilitation Project



- Phase 2 Dam Rehabilitation construction activities continue
- Estimated construction completion date is Summer 2017

# Questions?

View of the Outlet  
Structure for the  
White Tanks FRS#4  
Rehabilitation Project.  
(Looking Southeast with  
Van Buren St. in the  
background).

For scale, notice the  
construction worker in  
the green shirt in the top  
right corner of the  
structure.



# ROUND TABLE

